

Kawasaki

COMPONENT
COMPOSANT
COMPONENTE
N°691767

12-VOLT DC IMPACT WRENCH INSTRUCTION MANUAL **MANUEL D'INSTRUCTIONS DE LA CLÉ À CHOC DE 12 VOLTS C.C.** **MANUAL DE INSTRUCCIONES PARA LA LLAVE DE IMPACTO** **DE 12-VOLTIOS DE CC**



87-1904-60957

KAWASAKI IS A TRADEMARK LICENSED BY KAWASAKI MOTORS CORP., U.S.A., WHICH DOES NOT MANUFACTURE OR DISTRIBUTE THIS PRODUCT. CONSUMER INQUIRES SHOULD BE DIRECTED TO:

KAWASAKI EST UNE MARQUE DE COMMERCE DE KAWASAKI MOTORS CORP., U.S.A., QUI NE FABRIQUE PAS ET NE DISTRIBUE PAS CE PRODUIT THIS PRODUCT. LES QUESTIONS DES CONSOMMATEURS DOIVENT ÊTRE ADRESSÉES À :

KAWASAKI ES UNA MARCA REGISTRADA CON LICENCIA DE KAWASAKI MOTORS CORP., E.U.A., QUE NO FABRICA NI DISTRIBUYE ESTE PRODUCTO. LAS CONSULTAS DE LOS CONSUMIDORES DEBEN DIRIGIRSE A:

©COPYRIGHT 2010 ALLTRADE TOOLS, LLC.

1431 VIA PLATA
LONG BEACH, CA 90810-1462 USA

691767-12V DC Impact Wrench, Clé à chocs de 12 volts c.c., Llave de impacto de 12-voltios de cc_Rev 6/24/10

FOR CUSTOMER SERVICE
POUR LE SERVICE APRÈS VENTE
OU DU CONSOMMATEUR
PARA EL SERVICIO
PARA EL CONSUMIDOR
1-800-590-3723

Printed in China
Imprimé dans la Chine
Impreso en China

THIS MANUAL CONTAINS IMPORTANT INFORMATION REGARDING SAFETY, OPERATION, MAINTENANCE AND STORAGE OF THIS PRODUCT. BEFORE USE, READ CAREFULLY AND UNDERSTAND ALL CAUTIONS, WARNINGS, INSTRUCTIONS AND PRODUCT LABELS. FAILURE TO DO SO COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE.

CE MANUEL CONTIENT DES INFORMATIONS IMPORTANTES CONCERNANT LA SÉCURITÉ, LE FONCTIONNEMENT ET LE REMISAGE DE CE PRODUIT. LIRE, ÉTUDIER ET VEILLER À BIEN COMPRENDRE TOUTES LES MISES EN GARDE ET INSTRUCTIONS ET AUTOCOLLANTS APPOSÉS SUR LE PRODUIT AVANT DE L'UTILISER. NE PAS RESPECTER CES INSTRUCTIONS POURRAIT ENTRAÎNER DES BLESSURES ET/OU DES DOMMAGES MATÉRIELS.

ESTE MANUAL CONTIENE INFORMACIÓN IMPORTANTE SOBRE LA SEGURIDAD, OPERACIÓN, MANTENIMIENTO Y ALMACENAMIENTO DE ESTE PRODUCTO. ANTES DE USARLO, LEA Y COMPRENDA TODAS LAS PRECAUCIONES, ADVERTENCIAS, INSTRUCCIONES Y ETIQUETAS DEL PRODUCTO. DE LO CONTRARIO PODRÍA SUFRIR LESIONES GRAVES O CAUSAR DAÑOS MATERIALES.

IF YOU SHOULD HAVE ANY QUESTIONS OR EXPERIENCE A PROBLEM WITH YOUR ALLTRADE PRODUCT, DO NOT RETURN THIS PRODUCT TO THE STORE. PLEASE CALL OUR CUSTOMER SERVICE DEPARTMENT AT **1-800-590-3723**. BEFORE YOU CALL, HAVE THE FOLLOWING INFORMATION AVAILABLE: MODEL No., DATE PURCHASED AND STORE LOCATION. AN ALLTRADE REPRESENTATIVE CAN RESOLVE YOUR PROBLEM OVER THE PHONE. IF YOU WOULD LIKE TO MAKE A SUGGESTION OR COMMENT, GIVE US A CALL OR EMAIL US AT: INFO@ALLTRADETOOLS.COM. YOUR FEEDBACK IS VITAL TO US.

POUR TOUTE QUESTION OU EN CAS DE PROBLÈME AVEC LE PRODUIT ALLTRADE, NE PAS LE RETOURNER AU MAGASIN OÙ IL A ÉTÉ ACHETÉ. APPELER LE SERVICE APRÈS-VENTE AU **1-800-590-3723**. AVANT D'APPELER, VEILLER À SE PROCURER LES INFORMATIONS SUIVANTES : No. DE MODÈLE, DATE DE L'ACHAT ET ADRESSE DU MAGASIN. UN REPRÉSENTANT D'ALLTRADE PEUT RÉSOUDRE VOTRE PROBLÈME PAR TÉLÉPHONE. POUR TOUT COMMENTAIRE OU SUGGESTION, N'HÉSITEZ PAS À NOUS APPELER OU NOUS CONTACTER PAR COURRIEL À L'ADRESSE : INFO@ALLTRADETOOLS.COM. VOS COMMENTAIRES NOUS SONT EXTRÊMEMENT PRÉCIEUX.

SI TIENE DUDAS O SURGEN PROBLEMAS CON SU PRODUCTO ALLTRADE, NO LO DEVUELVA A LA TIENDA LLAME A NUESTRO DEPARTAMENTO DE SERVICIO AL CLIENTE AL **1-800-590-3723**. ANTES DE LLAMAR, TENGA A MANO LA SIGUIENTE INFORMACIÓN: No. DE MODELO, FECHA DE COMPRA Y DIRECCIÓN DE LA TIENDA. UN REPRESENTANTE DE ALLTRADE PUEDE RESOLVER SU PROBLEMA POR TELÉFONO. SI DESEA HACER ALGUNA SUGERENCIA O COMENTARIO, LLÁMENOS O ENVÍENOS UN MENSAJE DE CORREO ELECTRÓNICO A: INFO@ALLTRADETOOLS.COM. SUS COMENTARIOS SON FUNDAMENTALES PARA NOSOTROS.

TABLE OF CONTENTS

CONGRATULATIONS!	2
INTENDED USE	2
SECTION ONE	
GENERAL SAFETY RULES—FOR ALL BATTERY OPERATED TOOLS	2-6
RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS	2-3
IMPORTANT SAFEGUARDS	3
WORK AREA	4
ELECTRICAL SAFETY	4
PERSONAL SAFETY	5
TOOL USE AND CARE	5-6
SERVICE	6
SECTION TWO	
SPECIFIC SAFETY RULES AND/OR SYMBOLS	6-8
SAFETY RULES FOR IMPACT WRENCHES	7
SYMBOLS	8
SECTION THREE	
FUNCTIONAL DESCRIPTION	9
ASSEMBLY	9-10
INSTALLING / REMOVING SOCKET ON THE ANVIL	10
OPERATING THE IMPACT WRENCH	10-12
DIRECTION SWITCH	11
REMOVING THE LUG NUTS	11-12
REINSTALLING THE LUG NUTS	12
CHANGING THE 12 VOLT FUSE	12
SECTION FOUR	
ACCESSORIES	13
MAINTENANCE AND CLEANING	13
SPECIFICATIONS	13
OTHER CONSUMER DO-IT-YOURSELF (DIY) TOOLS	13
SECTION FIVE	
3 YEAR LIMITED WARRANTY	13-16

CONGRATULATIONS!

Thanks for choosing this product. At Alltrade, our aim is to provide you with quality products at an affordable price, and we want you to be totally satisfied with your product and our Customer Service. If any help or advice is needed, please contact us at 1-800-423-3598. Properly cared for, this tool will give you many years of satisfaction.

INTENDED USE

This tool is intended for consumer use only and is intended for occasional and intermittent operation. This tool is not designed for professional use. The power cord should only be used in approved automotive outlets as described in this manual.

GENERAL SAFETY WARNINGS – FOR ALL BATTERY OPERATED TOOLS

WARNING

READ ALL SAFETY WARNING AND INSTRUCTIONS.

Failure to follow the warning and instructions may result in electric shock, fire and/or serious injury.

**SAVE ALL WARNINGS AND INSTRUCTIONS
FOR FUTURE REFERENCE.**

RECOGNIZE SAFETY SYMBOLS, WORDS AND LABELS

The safety instructions provided in this manual are not intended to cover all possible conditions and practices that may occur when operating, maintaining and cleaning power tools.

Always use common sense and pay particular attention to all the **DANGER**, **WARNING**, **CAUTION** and **NOTE** statements of this manual.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.

NOTE

NOTE provides additional information that is useful for proper use and maintenance of this tool. If a NOTE is indicated make sure it is fully understood.

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

IMPORTANT SAFEGUARDS

DANGER

People with electronic devices, such as pacemakers, should consult their physician(s) before using this product. Operation of electrical equipment in close proximity to a heart pacemaker could cause interference or failure of the pacemaker.

WARNING: Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks and cement and other masonry products, and arsenic and chromium from chemically-treated lumber.

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WORK AREA

WARNING

Keep work area clean and well lit. Cluttered or dark areas invite accidents.

Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.

Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

ELECTRICAL SAFETY

WARNING

Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.

Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.

Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.

Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.

PERSONAL SAFETY

WARNING

Stay alert, watch what you are doing, and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.

Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing, and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

Prevent accidental starting. Ensure switch is in the “OFF” position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch “ON” invites accidents.

Remove adjusting keys or wrenches before turning the tool “ON”. A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.

Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

Use personal protective equipment. Always wear eye protection. Protective equipment such as dusk mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.

Wear ear protectors with impact drills. Exposure to noise can cause hearing loss.

If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

WARNING

Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

WARNING

Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

Use auxiliary handles (if) supplied with the tool. Loss of control can cause personal injury.

SERVICE

WARNING

Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

Follow instructions in the Maintenance section of this manual. Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

SPECIFIC SAFETY RULES AND/OR SYMBOLS

WARNING

Hold power tool by insulated gripping surfaces, when performing an operation where the fastener may contact hidden wiring or its own cord. Fasteners contacting “live” may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

SAFETY RULES FOR IMPACT WRENCHES

WARNING

Always wear safety goggles or eye protection when using this tool. Use a dust mask or respirator for applications which generate dust.

Do not grasp the tool or place your hands too close to the spinning chuck or drill bit. Your hand may be lacerated or may cause injury.

Secure the material being worked on. Never hold it in your hand or across your legs. Unstable support can cause loss of control and injury.

Position yourself to avoid being caught between the tool or side handle and walls or posts. Should the socket or bit become bound in the work, the reaction torque of the tool could crush your hand or leg.

Check to see that keys and adjusting wrenches are removed from the Impact Wrench before switching the tool "ON". Keys or wrenches can fly away at high velocity striking you or a bystander.

When using the Impact Wrench, always maintain a firm grip on the tool with both hands.

Hold tool by insulated gripping surfaces when performing an operation where the cutting tool may contact hidden wiring. Contact with a "live" wire will also make exposed metal parts of the tool "live" and shock the operator.

Keep the handle of the Impact Wrench dry, clean, and free from oil and grease.

Do not run the Impact Wrench while carrying it at your side. A spinning socket or bit could become entangled with clothing and injury may result.

Do not use the Impact Wrench if it has been damaged, left outdoors in the rain, snow, wet or damp environments, or immersed in liquid.

Maintain labels and nameplates on the Impact Wrench. These carry important information. If unreadable or missing, contact Alltrade for a replacement.






Use with 12 volt systems only.

NOTE

Performance of this tool may vary depending on variations in battery power.

SYMBOLS

IMPORTANT: Some of the following symbols may be used on your tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool better and safer.

SYMBOL	NAME	EXPLANATION
V	Volts	Voltage (Potential)
A	Amperes	Current
L	Liters	Volume
Kg	Kilograms	Weight
	Alternating Current	Type of Current
 or d.c.	Direct Current	Type of Current
 or a.c.	Alternating or Direct Current	Type of Current
	Earthing Terminal	Grounding Terminal
	Class II Construction	Denotes Double Insulation
h	Hours	Time
min	Minutes	Time
s	Seconds	Time
φ	Diameter	Size of Drill Bits, Grinding Wheels, etc.
n_0	No load speed	No-load Rotational Speed
.../min	Revolutions per Minute	Revolutions, Surface Speed, Strokes, etc. per Minute
psi	Pounds per square inch	Pressure
1,2,3, ...	Ring Selector Settings	Speed, Torque or Position Settings

FUNCTIONAL DESCRIPTION



CONTROLS AND COMPONENTS:

1. Trigger Switch
2. Forward/Reverse Lever
3. Gear Enclosure
4. Anvil
5. Comfort Non-slip Grip
6. 12V Plug-in (fuse inside)
7. Bubble Level
8. Motor Fan Air Vent

9. Dent Pin

10. 12V Power Cord

11. LED Light

ACCESSORIES:

12. 1/2 in. (1.27 cm) Drive Impact Socket (2)
13. 10A Fuse (2)

ASSEMBLY

⚠ WARNING

Always disconnect impact wrench from the power source before installing, adjusting or removing any accessory in this tool, or before performing maintenance. Failure to do so could result in injury.

INSTALLING / REMOVING SOCKET ON THE ANVIL

⚠ CAUTION

When removing the socket or bit from the tool, avoid contact with skin and use proper protective gloves when grasping the socket, bit or accessory. Accessories may be hot after prolonged use.

When installing a socket, align the holes in the side of the socket with the dent pin. Press the socket on until the dent pin engages in the hole. To remove a socket, pull the socket off the anvil.



OPERATING THE IMPACT WRENCH

⚠ WARNING

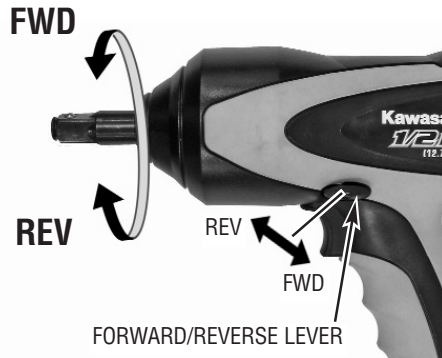
Never tape the trigger switch down to provide continuous high speed. The tool may fail under such conditions causing fire or personal injury.

Take care when working around a running engine. Run engine in open, well-ventilated areas **ONLY**. Running an engine in an enclosed space will allow build-up of carbon monoxide gas which can lead to dizziness, headaches, vomiting or death.

Keep hair, clothing, cables or wires out of reach of moving parts while the engine is running.

DIRECTION SWITCH

The Impact Wrench can move in two directions: Forward “FWD” for tightening, Reverse “REV” for loosening.

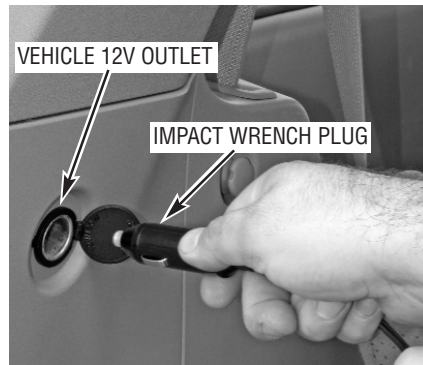


REMOVING LUG NUTS

CAUTION

Use 12 Volt DC power **ONLY**. Any other voltage will damage the tool.

1. Park vehicle in a safe outside location away from moving traffic. Always set the vehicle parking brake and block the wheels so the vehicle will not move while impact wrench is in use. In some cars, the ignition switch needs to be set to “ON” to power the cigarette Lighter outlet.
2. Plug the 12 Volt plug-in into the vehicle’s 12 Volt power supply. Verify that the impact wrench LED light turns on.



NOTE

This Impact Wrench does not work immediately like air-operated or 120V wrenches. The tool must built up inertia before striking a blow. This hesitation is normal and does not mean that the tool is broken.

3. Pick an impact socket that will fit the wheel lug nut. Press the socket onto the anvil. NEVER use sockets that are not specifically designed for use with impact wrenches.
4. Place a jack under the lift point for the wheel to be removed and raise the vehicle.
5. Support the vehicle by placing jack stands at locations recommended by the vehicle manufacturer.

WARNING

Do not get under the vehicle without jack stands. Jacks are not designed to maintain heavy loads for long periods of time.

6. Set the Directional Lever to “REV” and carefully loosen the lug nuts. Remove in the order recommended by the manufacturer.
7. If the Impact Wrench cannot loosen the lug nut, use a breaker bar (not included) to break the nut loose before trying again.
8. Remove wheel.

IMPORTANT INFORMATION FOR USE OF IMPACT WRENCH

To maintain the life of your Impact Wrench, it is recommended that you do not continuously remove more than ten lug nuts. After ten lug nuts, let the Impact Wrench cool down for approximately 10 minutes before attempting to remove additional lug nuts. In general, after 10 minutes of operation, let the Impact Wrench cool down for approximately 10 minutes before attempting to remove additional lug nuts.

REINSTALLING LUG NUTS

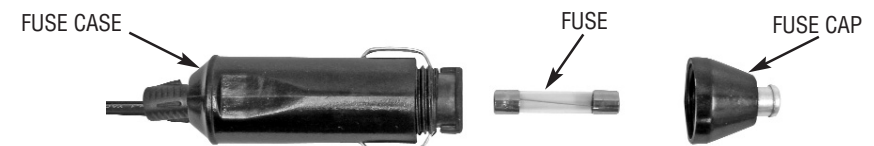
1. Lift wheel back into place.
2. Slide lug nuts onto the wheel bolts in the order recommended by the lug nut manufacturer.
3. Hand tighten the lug nuts until securely fastened.
4. Do not tighten the lug nuts with the impact wrench. Excessive torque may cause damage.
5. Use a torque wrench to check that the lug nuts are tightened enough per the manufacturer’s recommendations.
6. Remove jack stands. Carefully lower vehicle and remove the jack. Unplug the impact wrench and store.

CHANGING THE 12 VOLT FUSE

NOTE

Always replace fuse with a 10A-250V fuse of the same style.

1. Turn and remove the plastic cap and pull out fuse.
2. Insert new fuse inside the case and reinstall the fuse cap.



ACCESSORIES

Use only accessories that are recommended by the manufacturer for your model. Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

MAINTENANCE AND CLEANING

Use only mild soap and a damp cloth to clean the tool. Never let any liquid get inside the casing. Never immerse any part of the tool in a liquid. Always keep the ventilation openings clear.

Always store the impact wrench inside the case in a dry safe location. Keep away from caustic fluids, water, oil, grease, gasoline or any other substance that may damage the tool.


Visually inspect for cracks or bent, loose, missing parts before each use.

The impact wrench should only be repaired by an authorized service facility.

Change fuse when necessary.

SPECIFICATIONS

SPECIFICATIONS

Voltage	12V 
Drive Size	1/2 in. (12.7 mm) Square
Maximum Torque	280 ft.lbs.
No Load Speed Range	2500 - 5500 RPM

OTHER CONSUMER DO-IT-YOURSELF (DIY) TOOLS

Alltrade offers a full range of Kawasaki tools that make DIY jobs easy. If you would like further information on the following products, please contact Alltrade Customer Service Department at 1-800-590-3723.

Cordless Drills/Screwdrivers	Reciprocating Saws
Impact Wrenches	Routers
Sanders	Rotary Tools
Jigsaws	Corded and Cordless Multi-Purpose Tools
Circular Saws	Wide Range of Accessories and more
Angle Grinders	

3 YEAR LIMITED HOME USE WARRANTY

Express and Exclusive Limited Warranty to Original Retail Buyer

Alltrade Tools LLC (hereinafter "Alltrade") expressly warrants to the original retail purchaser of the accompanying KAWASAKI power tool and no one else all parts of the product (except those parts referred to below which are specifically excluded from such warranty (see Exclusions) to be free from defects in materials and workmanship for a period of three years from the original date of purchase.

SPECIAL WARRANTY NOTE TO CONTRACTORS AND COMMERCIAL USERS: This KAWASAKI power tool is offered as a home use tool and carries a **HOME USE WARRANTY**. This tool is made for home use in the execution of projects and repairs in and around the home. Use of the tool for **COMMERCIAL PURPOSES OR ON A JOBSITE** is not covered under this warranty.

The date of purchase shall be the date of shipment to the original purchaser, or the date the original purchaser took possession, custody, or control of the product, whichever occurred first. This warranty shall be null and void if the product or any component thereof is modified or altered. This warranty does not apply to any other product and/or component thereof manufactured or distributed by Alltrade, and does not apply to products and/or components thereof designed, manufactured and/or assembled by others, for which Alltrade makes no warranties whatsoever. **THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.**

WARRANTY PERFORMANCE

By purchasing this product, purchaser expressly acknowledges and agrees that their sole and exclusive remedy under this warranty shall be strictly limited to the repair or replacement of any covered nonconforming items or parts thereof provided that any such nonconforming item and/or part is promptly returned to an authorized Service Center within the applicable warranty period, with a written request by purchaser to repair and/or replace the nonconforming item and/or part. We recommend that you keep the original product packaging in the event you need to ship the unit. We suggest the package be insured against loss or in transit damage. When sending your product, include your name, address, phone number, e-mail address, dated proof of purchase (or copy) and a statement about the nature of the problem. Warranty coverage is conditioned upon purchaser furnishing Alltrade with adequate written proof that they are the original purchaser and of the original purchase date. Parts returned, freight prepaid and insured, will be inspected and, at Alltrade's option, repaired and/or replaced free of charge if it is found to be defective and subject to warranty. Alltrade retains the sole discretion to determine whether any item or part is nonconforming and, if so, whether the item and/or part will be repaired and/or replaced. If the unit is repaired, new or reconditioned replacement parts may be used. If Alltrade chooses to replace the product, it may replace it with a new or reconditioned of the same or comparable design. The repaired or replaced unit will

be warranted under the terms of the remainder of the one year warranty period; covered defective parts not subject to normal wear and tear or other exclusions will be repaired or replaced, at Alltrade's option. During the warranty period, Alltrade will be responsible for the return shipping charges. Alltrade's repair and/or replacement of any nonconforming item and/or part thereof shall constitute fulfillment of all obligations to the purchaser. Alltrade shall not be responsible or liable for any expense, including freight charges, or repairs made outside Alltrade's facility or an Alltrade designated service, unless expressly agreed to by Alltrade in writing. Under no circumstances shall Alltrade bear any responsibility for loss of the unit, loss of time or rental, inconvenience, commercial loss, or consequential damages.

For the location of an Authorized Service Center nearest you, please call customer service at 1-800-590-3723.

This warranty does not cover parts damaged due to normal wear, abnormal conditions, misapplication, misuse, abuse, accidents, operation, improper storage, or freight damage. Parts damaged or worn by operation in dusty environments are not warranted. Failure to follow recommended operating and maintenance procedures also voids warranty.

DAMAGE TO THE PRODUCT RESULTING FROM TAMPERING, ACCIDENT, ABUSE, NEGLIGENCE, FAILURE TO FOLLOW INSTRUCTIONS, UNAUTHORIZED REPAIRS OR ALTERATIONS, DAMAGE WHILE IN TRANSIT TO OUR SERVICE FACILITY, USE OF UNAPPROVED OR IMPROPER ATTACHMENTS OR ACCESSORIES, OR OTHER CAUSES UNRELATED TO PROBLEMS WITH MATERIAL OR WORKMANSHIP ARE NOT COVERED BY THIS WARRANTY.

Alltrade will not be liable for the following: labor charges, loss or damage resulting from improper operation, maintenance or repairs made by other persons; pre-delivery services such as assembly, oil and lubricants, and adjustment; maintenance services that are normally required to maintain the product.

The use of other than genuine Trades Pro Repair Parts will VOID the warranty.

WARRANTY DISCLAIMERS

EXCLUSION AND DISCLAIMER OF ALL OTHER EXPRESS WARRANTIES, GUARANTIES AND/OR REPRESENTATIONS, EXCEPT FOR THE LIMITED WARRANTY PROVIDED HEREIN, ALL OTHER EXPRESS WARRANTIES, GUARANTIES, AND/OR REPRESENTATIONS BY ALLTRADE AND OR ITS REPRESENTATIVE(S) REGARDING THE DESIGN, MANUFACTURE, PURCHASE, USE AND/OR OPERATION OF THE PRODUCT OR ANY COMPONENT THEREOF SOLD HEREUNDER, REGARDLESS OF WHETHER ANY SUCH WARRANTY, GUARANTY AND/OR REPRESENTATION, WRITTEN OR ORAL, ARISES BY OPERATION OF LAW AND/OR EQUITY AND/OR BY ANY ACT OR OMISSION OF ALLTRADE AND/OR ITS REPRESENTATIVE(S), OR THE BUYER, ARE HEREBY EXPRESSLY EXCLUDED AND DISCLAIMED BY ALLTRADE AND/OR ITS REPRESENTATIVES. PURCHASER KNOWINGLY AND WILLINGLY WAIVES ANY AND ALL SUCH WARRANTIES AND RIGHTS, CLAIMS AND/OR

CAUSE OF ACTION ARISING THEREFROM OR BASED THEREON. PURCHASER'S SOLE AND EXCLUSIVE REMEDY IS AS STATED ABOVE.

EXCLUSION AND DISCLAIMER OF ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NO WARRANTY, ORAL OR WRITTEN, OTHER THAN THE WARRANTY LISTED HEREIN IS MADE WITH REGARD TO THIS PRODUCT. ALL WARRANTIES AND/OR IMPLIED WARRANTIES, GUARANTIES AND/OR REPRESENTATIONS BY ALLTRADE AND/OR ITS REPRESENTATIVE(S) REGARDING THE DESIGN, MANUFACTURE, PURCHASE, USE AND/OR OPERATION OF THE PRODUCT OR ANY COMPONENT THEREOF SOLD HEREUNDER, REGARDLESS OF WHETHER ANY SUCH WARRANTY, GUARANTY AND/OR REPRESENTATION, WRITTEN OR ORAL, ARISES BY OPERATION OF LAW AND/OR EQUITY AND/OR BY ANY ACT OR OMISSION OF ALLTRADE AND/OR ITS REPRESENTATIVES. PURCHASER KNOWINGLY AND WILLINGLY WAIVES ANY AND ALL SUCH WARRANTIES AND RIGHTS, CLAIMS AND/OR CAUSES OF ACTION ARISING THEREFROM OR BASED THEREON.

PURCHASER'S SOLE AND EXCLUSIVE REMEDY IS AS STATED ON PRECEDING PAGES.

LIMITATIONS OF LIABILITY

IN NO EVENT SHALL ALLTRADE AND/OR ITS REPRESENTATIVE(S) BE LIABLE FOR INDIRECT, INCIDENTAL, SPECIAL AND/OR CONSEQUENTIAL DAMAGES OF ANY KIND ARISING OUT OF OR RELATED TO, DIRECTLY OR INDIRECTLY, ANY BREACH OR PROVISION OF ANY AGREEMENT BETWEEN ALLTRADE AND/OR ITS REPRESENTATIVE(S) AND PURCHASER, AND WARRANTY HEREUNDER, AND/OR THE EXISTENCE, DESIGN, MANUFACTURE, PURCHASE, USE AND/OR OPERATION OF ANY ITEM(S) SOLD HEREUNDER EVEN IF ALLTRADE AND/OR ITS REPRESENTATIVE(S) HAS BEEN ADVISED OF THE POSSIBILITY OF ANY SUCH DAMAGES. IN NO EVENT, WHETHER BECAUSE OF A BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, SHALL ALLTRADE'S AND/OR ITS REPRESENTATIVE (S) LIABILITY EXCEED THE PRICE OF THE PRODUCT. ALL LIABILITY CONNECTED WITH THE USE OF THIS PRODUCT SHALL TERMINATE UPON THE EXPIRATION OF THE WARRANTY PERIODS SPECIFIED ABOVE.

LIMITATIONS ON WARRANTY DISCLAIMERS

Some states do not allow limitations on how long an implied warranty lasts and some states do not allow the exclusion or limitation of the incidental or consequential damages, so part or all of the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

If your product is not covered by this warranty, please call our Customer Service Department at 1-800-590-3723 for general repair information, and charges and the location of your nearest authorized service facility.